**COPY**

Atty Dkt No. INT1P918C2 App. No: 09/823,628

Inventor (s): COHEN, et al

Filing Date: March 30, 2001

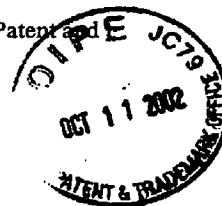
Date: Oct. 3, 2002

By: LVP/pt

For: COMPUTERIZED INTERACTOR SYSTEMS AND  
METHODS FOR PROVIDING SAME

The following have been received in the U.S. Patent and  
Trademark Office on the date stamped hereon:

1. Information Disclosure Statement;
2. Form 1449.



**COPY****PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:  
COHEN, et al

Application No.: 09/823,628

Filed: March 30, 2001

For: COMPUTERIZED INTERACTOR  
SYSTEMS AND METHODS FOR  
PROVIDING SAME

Atty. Docket No.: INT1P918C2

Examiner: Unknown

Group: 2675

Date: October 2, 2002

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on October 3, 2002.

Signed: Pat Tate

Pat Tate

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§1.56 AND 1.97(b) BEFORE MAILING OF A FIRST OFFICE ACTION**

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

The references listed in the attached PTO Form 1449 may be material to examination of the above-identified patent application. Applicants submit the list of these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application. The above-identified application is a Divisional of prior application U.S. Patent Application No. 08/801,085 and 09/823,628. These prior applications are being relied upon for an earlier filing date under 35

Atty Dkt No. INT1P918C2

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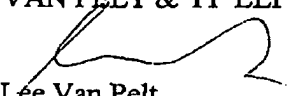
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U.S.C. § 120. Because the listed references were either cited by the PTO, or submitted to the PTO in the prior application, under 37 CFR § 1.98(d) Applicants submit that copies need not be provided.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-0685 (Order No. INT1P918C2).

Respectfully submitted,  
VAN PELT & YI LLP



Lee Van Pelt  
Reg. No. 38,352

4906 El Camino Real  
Suite 205  
Los Altos, CA 94022  
Telephone: (650) 903-3500

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<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. INT1P918C2 Application No.: 09/832,628 Inventor COHEN, et al Group 2675 Filing Date March 30, 2001
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**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	3,673,327	June 1972	Jhonson et al	178	18.01	
	B	3,891,829	June 1975	Bobras			
	C	3,894,756	July 1975	Ward			
	D	4,302,011	Nov 1981	Pepper, Jr.	273	85	
	E	4,341,385	July 1982	Doyle, et al	273	237	
	F	4,597,495	July 1986	Knosby	209	3.3	
	G	4,843,568	June 1989	Krueger et al			
	H	4,873,398	Oct 1989	Hubby, Jr.			
	I	4,998,010	Mar 1991	Gordon et al			
	J	5,013,047	May 1991	Schwab			
	K	5,047,614	Sept 1991	Bianco			

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L	2607400	11/1986	France				
	M	2103943	7/1981	Great Britain				
	N	2226468A	6/1990	Great Britain				
	O	2237514	5/1991	Great Britain				
	P	4010743	1/1992	Japan				

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	R	Ishii, Hiroshi and Ullmer, Brygg, "Tangible Bits: Towards Seamless Interfaces between People, Bits and Atoms", Mar 22-27, 1997 CHI.
	S	Gorbet, Matthew G. et al, "Triangles: Tangible Interface for Manipulation and Exploration of Digital Information Topography", Apr. 18-23 1998, CHI98.
	T	Wellner, Pierre, et al, "Computer-Augmented Environments: Back to the Real World Introduction", vol. 36, No. 7, Communications of the ACM, Jul. 1993.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**COPY**

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**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	5,082,286	Jan 1992	Ryan et al	273	238	
	B	5,088,928	Feb 1992	Chan	434	339	
	C	5,188,368	Feb. 1993	Ryan	273	237	
	D	5,202,828	April 1993	Vertelney et al			
	E	5,298,731	March 1994	Ett			
	F	5,303,388	April 1994	Kreitman et al			
	G	5,330,380	July 1994	McDarren et al	446	397	
	H	5,337,358	Aug 1994	Axelrod et al			
	I	5,396,265	March 1995	Ulrich et al	345	158	
	J	5,452,414	Sept 1995	Rosendahl et al			
	K	5,483,261	Jan 1996	Yasutake			

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L	3008190	Sept 1981	DE				
	M	313779	Nov 1989	DE				
	N	0576187	6/1992	EP				
	O	0606790A2	7/1994	EP				
	P	07093567	4/1995	JP				

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Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	Q	Darrell Bishop Letter, Nov. 18, 1996, "Portable Self-Checkout Retain System; IBM Tech. Disclosure Bulletin, vol. 35 No 1A, Jun. 1992
	R	Netscape Quick Tour; Accessing & Navigating the Internet's World Wide Web; 1995.
	S	Gorbet, Matthew, et al, "Triangles" Tangible Interface for Manipulation and Exploration of Digital Information Topography, Nov 1, 1998, Triangles—CHI98.
	T	Bar Code Hotel, Nov 1, 1998.
	U	Poyner, Rick, "The Hand that Rocks the Cradle", May Jun 1995, I.D.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No.	INT1P918C20
	Application No.:	09/823,628
	Inventor	COHEN, et al
	Group	2675
	Filing Date	March 30, 2001

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	5,511,148	April 1996	Wellner			
	B	5,525,798	June 1996	Berson et al			
	C	5,537,336	July 1996	Joyce			
	D	5,545,883	Aug 1996	Sasou et al			
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	H	5,586,216	Dec 1996	Degen et al			
	I	5,600,115	Feb 1997	Balzano			
	J	5,604,516	Feb 1997	Herrod et al	345	156	
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**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L	07108786	4/1995	Japan				
	M	09204389	8/1997	Japan				
	N	10171758	6/1998	Japan				
	O	844011	7/1979	Russia				
	P	9216913A	10/1992	WO				

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	R	Spreitzer, Mike et al, "Scalable, Secure, Mobile Computing with Location Information", vol. 36, No. 7, Communications of the ACM, Jul. 1993
	S	Baudel, Thomas, et al "Charade: Remote Control of Objects using Free-Hand Gestures", vol. 36, No. 7, Communications of the ACM, Jul. 1993.
	T	Krueger, Myron W., "Environmental Technology: Making the Real World Virtual", vol. 36, No. 7, Communications of the ACM, Jul. 1993.
	U	Fitzmaurice, George W., "Situating Information Spaces and Spatially Aware Palmtop Computers" vol. 36, No. 7, Communications of the ACM, Jul. 1993
	V	Azuma, Ronald, "Tracking Requirements for Augmented Reality", Vol. 36, No. 7, Communications of the ACM, Jul. 1993.
	W	Feiner, Steven, "Knowledge-Based Augmented Reality", vol. 36, No. 7, Communications of the ACM, Jul. 1993
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<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. INT1P918C2 Application No.: 09/823,628 Inventor COHEN, et al Group 2675 Filing Date March 30, 2002
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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	5,670,987	Sept 1997	Doi et al	345	156	
	B	5,684,885	Nov 1997	Cass et al			
	C	5,693,693	Dec 1997	Auslander et al			
	D	5,729,251	Mar 1998	Nakashima	345	156	
	E	5,739,814	Apr 1998	Ohara et al	345	156	
	F	5,804,803	Sept 1998	Cragun et al			
	G	5,815,142	Sept 1998	Allard et al	345	173	
	H	5,832,119	Nov 1998	Rhoads	382	232	
	I	5,841,978	Nov 1998	Rhoads			
	J	5,848,413	Dec 1998	Wolff			
	K	5,862,321	Jan 1999	Lamming et al			

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
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	L	97/01137	1/1997	WO				
	M	97/32262	9/1997	WO				
	N	98/03923	1/1998	WO				

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	O	Resnick, Mitchel, "Behavior Construction Kits", vol. 36, No. 7, Communications of the ACM, Jul. 1993.
	P	Gold, Rich, "This is not a Pipe", vol. 36, No. 7, Communications of the ACM, Jul. 1993
	Q	Weiser, Mark, "Some Computer Science Issues in Ubiquitous Computing", vol 36, No. 7, Communications of the ACM, Jul. 1993
	R	Elrod, Scott, et al, "Responsive Office Environments", vol. 36, No. 7, Communications of the ACM, Jul. 1993.
	S	Wellner, Piere, "Interacting with Paper on the Digital Desk", vol. 36, No. 7, Communications of the ACM, Jul. 1993
	U	Technical Description of Knuer's "Station", Mar. 1996.
Examiner		Date Considered

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**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	5,862,429	Jan 1999	Ueno et al			
	B	5/869,819	Feb 1999	Knowles et al			
	C	5,886,337	March 1999	Rockstein et al			
	D	5,903,729	May 1999	Reber et al			
	E						
	F						
	G						
	H						

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							Yes	No
	L							
	M							

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	Q	Fitzmaurice, George W., "Situating Information Spaces and Spatially Aware Palmtop Computers" vol. 36, No. 7, Communications of the ACM, Jul. 1993
	R	Mackay, Wendy, et al "Augmenting Reality: Adding Computational Dimensions to Paper", vol. 36, No. 7, Communications of the ACM, Jul. 1993.
	S	Fitzmaurice G. W. et al., "Bricks: Laying the Foundations for Graspable User Interfaces" Human Factors in Computing Systems, CHI '95 Conf. Proceedings, Denver, May 7-11, 1995, pg. 442-449.
	T	Tanigawa H., et al, "Personal Multimedia-Multipoint Teleconference System", Networking in the Nineties, Bal Harbour, vol 3, Apr 7, 1991, IEEE, pg 1127-1134.
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